

Borate Sprayer (Model 5000) – User's Manual

SAFETY PRECAUTIONS

- Do not pressurize the tank with any gas. Only use compressor supplied with unit.
- Do not pressurize an empty tank
- To release pressure, use valve on top of tank.
- Never remove brass cap when tank is under pressure
- Do not transport while tank is under pressure
- Keep borate solution and water away from any electrical connections and compressor.
- Direct spray only at surfaces to be treated
- Engage trigger lock on the gun when system is not in use
- Clean and flush tank, gun and application hose following daily use, and before storage for longer than 4 hours

SUGGESTED USES

This delivery system can be used to apply water-based dilutions of insecticides, including formulations of borates. Applications can be made to surfaces, indoors and outdoors. Intended treatment sites include exposed surfaces of framing timbers in buildings at pre- and post-construction.

Effective application can be achieved only by thoroughly mixing borate formulations before spraying, and daily flushing the tank, gun and application hose.

BEFORE STARTING

- Engage the safety lock on Spray Gun to prevent accidental spraying
- Make certain ball-valve is closed
- Inspect contents of tank to ensure complete dilution of borate
- Tighten brass top on tank
- Inspect quick-connect on hose from compressor to the tank
- Inspect the quick-connect on hose from tank to the gun
- Turn on compressor to pressurize the tank

OPERATING INSTRUCTIONS

Filling Tank –Borate Solution

- Mix all insecticides according to manufacturer label directions
 - Do not prepare more than 3 gallons of liquid (total) in the tank
 - If mixing borate solution directly into tank with the B&G Model 5200 Borate Mixer – mix according to these directions:
1. Fill Tank with water 1/3 of total solution required. Example: If making 3 Gallons of Borate Solution, add 1 gallon of water to the tank.
 2. Add Borate Solution according to manufacturer label
 3. Then add the necessary amount of additional water to tank to make up the total



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borate solution required.

4. Attach 5200 Borate Mixer to any cordless or electric drill.
 5. Insert mixer fully in tank so that gray collar fully seats on inlet opening of tank.
 6. Mix on high speed for approximately 2 minutes.
 7. Remove mixer from tank, remove drill and clean mixer thoroughly with clean water.
- Use only the B&G 5200 Mixer to prepare water dilutions of borates, other mixing devices may damage the tank or internal parts of the tank
 - Hand tighten the brass cap of the tank before pressurizing

Pressurizing Tank

- Make sure that all quick connect fittings are properly engaged
- Plug the unit into any 110V source and then turn on the compressor
- Compressor will cycle on / off to maintain 40 psi in the tank

CLEANING AND MAINTENANCE

WARNING: Failure to follow these cleaning instructions will void any warranty.

1. Remove any unused borate solution from tank. The easiest way to do this is to remove the spray tip from the end of the gun, turn the unit on and open the gun. Discharge remaining Borate solution into an approved container. Be careful not to lose the nylon tip gasket.
2. When solution no longer comes out of gun extension, turn compressor off and fill tank with 2 gallons of fresh water (warm preferred). Place cap back on unit and rock unit so that the fresh water moves around in the tank. This is to clean the sides of the tank above the 2 gallon water level.
3. Turn unit on, open your spray gun and then discharge about 80% of this fresh water out the end of the extension. Reinstall the spray tip and then discharge the remainder of the fresh water. This is to flush your tank, spray gun and tip. Make sure you dispose of this solution properly per manufacturers suggestions.
4. Turn unit off, then remove the hose connected to the compressor by means of the quick disconnect. Then remove the discharge hose from the tank and connect this to the

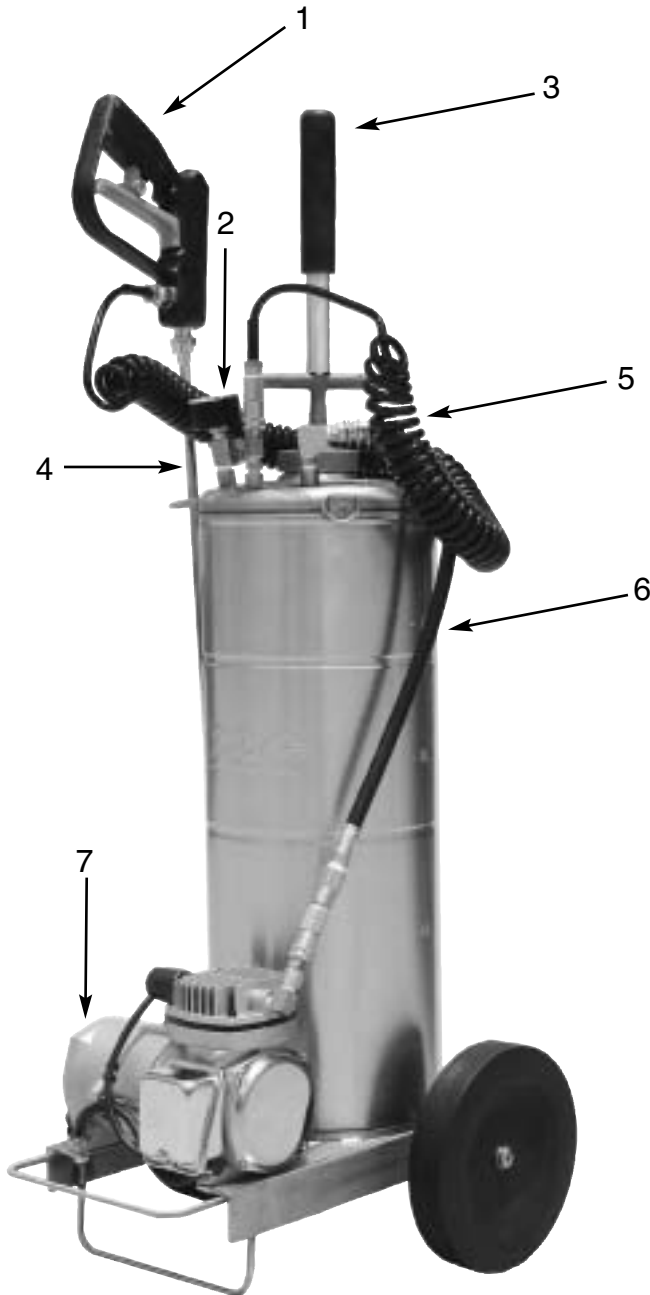
compressor. Make sure this connector is properly engaged. Turn the compressor on and open the spray gun. This will flush out, with compressed air, any remaining liquid from the discharge hose, spray gun and tip.

5. When no further liquid is discharged from the spray gun, turn compressor off, pull gun trigger to discharge any remaining air, then remove the discharge hose from compressor and attach back to the tank. Then reconnect the tank feed hose back to the compressor. Make sure that all these quick connect fittings are properly engaged.

If you properly clean this unit after every use, this unit will provide you with years of dependable service.



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No.	Order #	Description
1	22067312	Gunjet assembly
2	22026500	Ag-3A gauge
3	22070620	Tank handle assembly
4	22045650	Extension, 24 inch
5	30113746	Hose assembly
6	30113760	Compressor hose assembly
7	30113749	Compressor assembly
	30113765	Spray tip (not shown)
	22045650	Tip and extension gasket

SYMPTOM	SOLUTION(S)
Tank not holding pressure, leaking at top	• Hand tighten brass cap • Replace gasket inside the brass cap
Tip leaking	• Make sure Nylon gasket is in place - tight the tip cap
Extension leaking at the base	• Inspect gasket inside retainer ring at base of extension
No spray produced with	• Check for liquid in the tank • Check siphon tube for damage or blockage; remove & clean • Check for pressure in the tank • Remove the application hose, gun and spray tip, clean thoroughly with fresh water

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